

A B S T R A C T

The invention relates to a method of making a motor vehicle wheel arch comprising both a body of thermoplastic material having with an opening, and a mat closing said opening and fixed to the body by strips of thermoplastic material secured to said body, the method comprising injecting the strips of thermoplastic material onto the mat and allowing them to solidify in contact therewith. On at least one strip of thermoplastic material, an edge is formed of thickness that is reduced relative to the thickness of the remainder of the strip. In cross-section, the thickness of the edge is related to the width ℓ of the edge by a mathematical function f such that:

$$\int_0^{\ell} f(x) dx \geq h^2$$

where h is the height of the edge at its junction with the strip. The invention also provides a wheel arch obtained in this way.